

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Currently Amended) A machine tool apparatus provided with coolant supply passages which supplies a coolant to tools or tool mounts for mounting the tools, the apparatus comprising:

an oil coated water droplet generator/mixer being connected to the beginning end of the coolant supply passages, the oil coated water droplet generator/mixer comprising an oil atomizing chamber for atomizing oil introduced from the outside by an air stream, water droplet generation chambers for generating oil coated water droplets having oil films on the surfaces of the water droplets generated by dropping water introduced from the outside utilizing the air stream containing the atomized oil generated in the oil atomizing chamber, and a top nozzle for discharging the oil coated water droplets generated in the water droplet generation chambers

wherein a spray port having a smaller inner diameter than the inner diameter of the coolant supply passages [[is]]
so as to atomize any liquid flowing through the coolant supply

passages to the spray port, said spray port being connected to
a termination end of each of said coolant supply passages and

wherein each of the tools have formed therein at
~~lest~~ least a part of a coolant supply passage including the
termination end thereof and ~~[[a]]~~ the spray port.

3. (Currently Amended) A machine tool apparatus
provided with coolant supply passages which supplies a coolant
to tools or tool mounts for mounting the tools, the apparatus
comprising:

an oil coated water droplet generator/mixer being
connected to the beginning end of the coolant supply passages,
the oil coated water droplet generator/mixer comprising an oil
atomizing chamber for atomizing oil introduced from the
outside by an air stream, water droplet generation chambers
for generating oil coated water droplets having oil films on
the surfaces of the water droplets generated by dropping water
introduced from the outside utilizing the air stream
containing the atomized oil generated in the oil atomizing
chamber, and a top nozzle for discharging the oil coated water
droplets generated in the water droplet generation chambers

wherein a spray port having a smaller inner diameter
than the inner diameter of the coolant supply passages ~~[[is]]~~
so as to atomize any liquid flowing through the coolant supply

passages to the spray port, said spray port being connected to
a termination end of said coolant supply passages and

wherein each of the tools has a work tip and a
coolant supply passage therein which communicates with
bifurcated spray ports so that the coolant can be discharged
toward both the front and the back of the work tip.

4. (Currently Amended) The machine tool apparatus
according to claim 2, wherein the bifurcated spray ports are
pumped formed in each of the tools.